

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended): A diacylhydrazine compound ~~Diacylhydrazine~~  
~~derivatives of formula I:~~

A-D-B

(I)

wherein

D is a bivalent diacylhydrazine moiety, or a derivative thereof; [[,]]

A is an [[a]] unsubstituted or substituted moiety of up to 40 carbon atoms of the formula: -L-(M-L')<sub>α</sub>, where

L is a 5, 6 or 7 membered cyclic structure [[,]] selected from ~~the group consisting of~~ aryl, heteroaryl, arylene and heteroarylene, bound directly to D,

L' comprises an optionally substituted cyclic moiety having at least 5 members, selected from the group consisting of aryl, heteroaryl, aralkyl, cycloalkyl and heterocyclyl,

M is a bond or a bridging group having at least to one atom, α is an integer of from 1-4, [[:]] and

each cyclic structure of L and L' contains 0-4 members of the group consisting of nitrogen, oxygen and sulfur,

wherein L' is substituted by at least one substituent selected from ~~the group consisting of~~ -SO<sub>β</sub>R<sub>x</sub>, -C(O)R<sub>x</sub> and -C(NR<sub>y</sub>)R<sub>z</sub>; [[,]]

B is a substituted or unsubstituted, up to tricyclic aryl or heteroaryl moiety of up to 30 carbon ~~carbon~~ atoms, comprising at least one 5-, 6-, or 7-membered cyclic structure, bound directly to D containing 0-4 members of the group consisting of nitrogen, oxygen and sulfur, wherein said

cyclic structure directly bound to D is selected from ~~the group consisting~~  
of aryl, heteroaryl and heterocyclyl; [[,]]

$R_y$  is hydrogen or a carbon based moiety of up to 24 carbon atoms  
optionally containing heteroatoms selected from N, S and O, and  
optionally halosubstituted, up to per halo; [[,]]

$R_z$  is hydrogen or a carbon based moiety of up to 30 carbon atoms  
optionally containing heteroatoms selected from N, S and O, and  
optionally substituted by halogen, hydroxy and carbon based substituents  
of up to 24 carbon atoms, which optionally contain heteroatoms selected  
from N, S and O and are optionally substituted by halogen;

$R_x$  is  $R_z$  or  $NR_aR_b$ , where  $R_a$  and  $R_b$  are

a) independently hydrogen, a carbon based moiety of up to 30 carbon  
atoms optionally containing heteroatoms selected from N, S and O,  
and optionally substituted by halogen, hydroxy and carbon based  
substituents of up to 24 carbon atoms, which optionally contain  
heteroatoms selected from N, S and O and are optionally  
substituted by halogen, or

$-OSi(R_f)_3$  where  $R_f$  is hydrogen or a carbon based moiety of up to  
24 carbon atoms optionally containing heteroatoms selected from  
N, S and O, and optionally substituted by halogen, hydroxy and  
carbon based substituents of up to 24 carbon atoms, which  
optionally contain heteroatoms selected from N, S and O and are  
optionally substituted by halogen;

or

- b)  $R_a$  and  $R_b$  together form a 5-7 member heterocyclic structure of 1-3 heteroatoms selected from N, S and O, or a substituted 5-7 member heterocyclic structure of 1-3 heteroatoms selected from N, S and O substituted by halogen, hydroxy or carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen; or
- c) one of  $R_a$  or  $R_b$  is  $-C(O)-$ , a  $C_1-C_5$  divalent alkylene group or a substituted  $C_1-C_5$  divalent alkylene group bound to the moiety L to form a cyclic structure with at least 5 members, wherein the substituents of the substituted  $C_1-C_5$  divalent alkylene group are selected from ~~the group consisting of~~ halogen, hydroxy, and carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen;

where B is substituted, L is substituted or L' is additionally substituted, the substituents are selected from the group consisting of halogen, up to per-halo, and  $W_\gamma$ , where  $\gamma$  is 0-3;

~~wherein each~~

W is independently selected from ~~the group consisting of~~  $-CN$ ,  $-CO_2R$ ,  $-C(O)NR^5R^5$ ,  $-C(O)-R^5$ ,  $-NO_2$ ,  $-OR^5$ ,  $-SR^5$ ,  $-NR^5R^5$ ,  $-NR^5C(O)OR^5$ ,  $-NR^5C(O)R^5$ ,  $-Q-Ar$ , and carbon based moieties of up to 24 carbon atoms, optionally containing heteroatoms selected from N, S and O and optionally substituted by one or more substituents independently selected from the groups consisting of  $-CN$ ,  $-CO_2R$ ,  $-C(O)NR^5R^5$ ,  $-C(O)-R^5$ ,  $-NO_2$ ,  $-OR^5$ ,  $-SR^5$ ,  $-NR^5R^5$ ,  $-NR^5C(O)OR^5$ ,  $-NR^5C(O)R^5$  and halogen up to per-halo; ~~with each~~

$R^5$  independently is selected from H or a carbon based moiety of up to 24

carbon atoms, optionally containing heteroatoms selected from N, S and O, and optionally substituted by halogen, wherein Q is -O-, -S-, -N(R<sup>5</sup>)-, -(CH<sub>2</sub>)<sub>β</sub>-, -C(O)-, -CH(OH)-, -(CH<sub>2</sub>)<sub>β</sub>-, -(CH<sub>2</sub>)<sub>β</sub>S-, -(CH<sub>2</sub>)<sub>β</sub>N(R<sup>5</sup>)-, -O(CH<sub>2</sub>)<sub>β</sub>-CHHal-, -CHal<sub>2</sub>-, -S-(CH<sub>2</sub>)<sub>β</sub>- and -N(R<sup>5</sup>)(CH<sub>2</sub>)<sub>β</sub>-; ~~where~~

$\beta = 1-3$ ; ~~and~~

Hal is halogen; and

Ar is 5- or 6-member aromatic structure containing 0-2 members selected from ~~the group consisting of~~ nitrogen, oxygen and sulfur, which is optionally substituted by halogen, up to per-halo, and optionally substituted by Z<sub>δ1</sub> wherein δ1 is 0 to 3 and each Z is independently selected from ~~the group consisting of~~ -CN, -CO<sub>2</sub>R<sup>5</sup>, -C(O)NR<sup>5</sup>R<sup>5</sup>, -C(O)-R<sup>5</sup>, -NO<sub>2</sub>, -OR<sup>5</sup>, -SR<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, -SO<sub>3</sub>H, -NR<sup>5</sup>R<sup>5</sup>, -NR<sup>5</sup>C(O)OR<sup>5</sup>, -NR<sup>5</sup>C(O)R<sup>5</sup>, and a carbon based moiety of up to 24 carbon atoms, optionally containing heteroatoms selected from N, S and O and optionally substituted by one or more substituents selected from ~~the group consisting of~~ -CN, -CO<sub>2</sub>R<sup>5</sup>, -C(O)NR<sup>5</sup>R<sup>5</sup>, -C(O)-R<sup>5</sup>, -NO<sub>2</sub>, -OR<sup>5</sup>, -SR<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, -SO<sub>3</sub>H, -NR<sup>5</sup>R<sup>5</sup>, -NR<sup>5</sup>C(O)OR<sup>5</sup>, -NR<sup>5</sup>C(O)R<sup>5</sup>; ~~and the or~~  
a pharmaceutically acceptable derivative, salt, or solvate ~~derivatives, salts and solvates~~ thereof.

2. (Currently Amended): A diacylhydrazine compound ~~Diacylhydrazine derivative~~ according to claim 1, wherein ~~characterised in that~~

each M independently from one another represents a bond or is a bridging group, selected from ~~the group consisting of~~ (CR<sup>5</sup>R<sup>5</sup>)<sub>h</sub>, or (CHR<sup>5</sup>)<sub>h</sub>-Q-(CHR<sup>5</sup>)<sub>i</sub>,

~~wherein~~

Q is selected from ~~a group consisting of~~ O, S, N-R<sup>5</sup>, CH<sup>15</sup>H<sup>16</sup>, (CHal<sub>2</sub>)<sub>j</sub>, (O-CHR<sup>5</sup>)<sub>j</sub>, (CHR<sup>5</sup>-O)<sub>j</sub>, CR<sup>5</sup>=CR<sup>5</sup>, (O-CHR<sup>5</sup>CHR<sup>5</sup>)<sub>j</sub>, (CHR<sup>5</sup>CHR<sup>5</sup>-O)<sub>j</sub>, C=O, C=S, C=NR<sup>5</sup>, CH(OR<sup>5</sup>), C(OR<sup>5</sup>)(OR<sup>5</sup>), C(=O)O, OC(=O), OC(=O)O, C=O)N(R<sup>5</sup>)C(=O), OC(=O)N(R<sup>5</sup>),

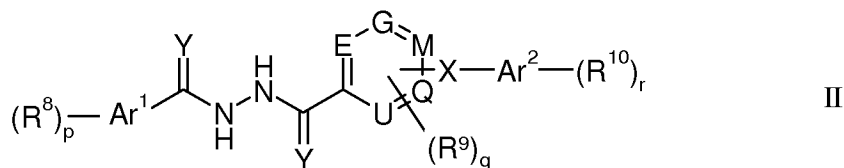
$N(R^5)C(=O)O$ ,  $CH=N-NR^5$ ,  $OC(O)NR^5$ ,  $NR^5C(O)O$ ,  $S=O$ ,  $SO_2$ ,  $SO_2NR^5$  and ~~and~~  $NR^5SO_2$ ,  
~~wherein~~

$R^5$  ~~is in each case independently selected from the meanings given above,~~  
preferably hydrogen, halogen, alkyl, aryl, aralkyl,

h, i are independently from each other 0, 1, 2, 3, 4, 5, or 6, and

j is 1, 2, 3, 4, 5 or 6.

3. (Currently Amended): A diacylhydrazine compound ~~Diaacylhydrazine~~  
~~derivative~~ according to claim 1, selected from the compounds of formula II,



wherein

$\text{Ar}^1$ ,  $\text{Ar}^2$  are each ~~selected~~ independently selected from ~~one another from~~ aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one, two, ~~we~~ or three hetero atoms, independently selected from N, O and ~~and~~ S,

E, G, M, Q and U are each ~~selected,~~ independently selected from ~~one another, from~~ carbon atoms and nitrogen atoms, with the proviso that one or more of E, G, M, Q and U are carbon atoms and that X is bonded to a carbon atom,

$R^8$ ,  $R^9$  and  $R^{10}$  are each independently selected from ~~a group consisting of~~ H, A, OA, cycloalkyl comprising 3 to 7 carbon atoms, Hal,  $\text{CH}_2\text{Hal}$ ,  $\text{CH}(\text{Hal})_2$ ,  $\text{C}(\text{Hal})_3$ ,

$\text{NO}_2$ ,  $(\text{CH}_2)_n\text{CN}$ ,  $(\text{CH}_2)_n\text{NR}^{11}\text{R}^{12}$ ,  $(\text{CH}_2)_n\text{O}(\text{CH}_2)_k\text{NR}^{11}\text{R}^{12}$ ,  
 $(\text{CH}_2)_n\text{NR}^{11}(\text{CH}_2)_k\text{NR}^{11}\text{R}^{12}$ ,  $(\text{CH}_2)_n\text{O}(\text{CH}_2)_k\text{OR}^{11}$ ,  $(\text{CH}_2)_n\text{NR}^{11}(\text{CH}_2)_k\text{OR}^{12}$ ,  
 $(\text{CH}_2)_n\text{COOR}^{13}$ ,  $(\text{CH}_2)_n\text{COR}^{13}$ ,  $(\text{CH}_2)_n\text{CONR}^{11}\text{R}^{12}$ ,  $(\text{CH}_2)_n\text{NR}^{11}\text{COR}^{13}$ ,  
 $(\text{CH}_2)_n\text{NR}^8\text{CONR}^{11}\text{R}^{12}$ ,  $(\text{CH}_2)_n\text{NR}^{11}\text{SO}_2\text{A}$ ,  $(\text{CH}_2)_n\text{SO}_2\text{NR}^{11}\text{R}^{12}$ ,  
 $(\text{CH}_2)_n\text{S}(\text{O})_u\text{R}^{13}$ ,  $(\text{CH}_2)_n\text{OC}(\text{O})\text{R}^{13}$ ,  $(\text{CH}_2)_n\text{COR}^{13}$ ,  $(\text{CH}_2)_n\text{SR}^{11}$ ,  $\text{CH}=\text{N}-\text{OA}$ ,  
 $\text{CH}_2\text{CH}=\text{N}-\text{OA}$ ,  $(\text{CH}_2)_n\text{NHOA}$ ,  $(\text{CH}_2)_n\text{CH}=\text{N}-\text{R}^{11}$ ,  $(\text{CH}_2)_n\text{OC}(\text{O})\text{NR}^{11}\text{R}^{12}$ ,  
 $(\text{CH}_2)_n\text{NR}^{11}\text{COOR}^{13}$ ,  $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{OR}^{13}$ ,  $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{OCF}_3$ ,  
 $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{C}(\text{R}^{13})\text{HCOOR}^{12}$ ,  $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{C}(\text{R}^{13})\text{HCOR}^{11}$ ,  
 $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{N}(\text{R}^{12})\text{CH}_2\text{COOR}^{11}$ ,  $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{NR}^{11}\text{R}^{12}$ ,  
 $\text{CH}=\text{CHCOOR}^{13}$ ,  $\text{CH}=\text{CHCH}_2\text{NR}^{11}\text{R}^{12}$ ,  $\text{CH}=\text{CHCH}_2\text{NR}^{11}\text{R}^{12}$ ,  
 $\text{CH}=\text{CHCH}_2\text{OR}^{13}$ ,  $(\text{CH}_2)_n\text{N}(\text{COOR}^{13})\text{COOR}^{14}$ ,  $(\text{CH}_2)_n\text{N}(\text{CONH}_2)\text{COOR}^{13}$ ,  
 $(\text{CH}_2)_n\text{N}(\text{CONH}_2)\text{CONH}_2$ ,  $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{COOR}^{13})\text{COOR}^{14}$ ,  
 $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{COOR}^{13}$ ,  $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{CONH}_2$ ,  
 $(\text{CH}_2)_n\text{CHR}^{13}\text{COR}^{14}$ ,  $(\text{CH}_2)_n\text{CHR}^{13}\text{COOR}^{14}$ ,  $(\text{CH}_2)_n\text{CHR}^{13}\text{CH}_2\text{OR}^{14}$ ,  
 $(\text{CH}_2)_n\text{OCN}$  and  $(\text{CH}_2)_n\text{NCO}$ , ~~wherein~~

$\text{R}^{11}$ ,  $\text{R}^{12}$  are each independently selected from ~~a group consisting of~~ H, A,  $(\text{CH}_2)_m\text{Ar}^3$   
 and  $(\text{CH}_2)_m\text{Het}$ , or

in  $\text{NR}^{11}\text{R}^{12}$ ,  $\text{R}^{11}$  and  $\text{R}^{12}$  form, together with the N-atom they are bound to, a 5-, 6- or  
 7- membered heterocyclyl ~~heterocycle~~ which optionally contains 1 or 2  
 additional hetero atoms, selected from N, O and S,

$\text{R}^{13}$ ,  $\text{R}^{14}$  are each independently selected from ~~a group consisting of~~ H, Hal, A,  
 $(\text{CH}_2)_m\text{Ar}^4$  and  $(\text{CH}_2)_m\text{Het}$ ,

A is selected from ~~the group consisting of~~ alkyl, alkenyl, cycloalkyl,  
 alkylenecycloalkyl, alkoxy, alkoxyalkyl and saturated heterocyclyl,

$\text{Ar}^3$ ,  $\text{Ar}^4$  are each independently from one another aromatic hydrocarbon residues  
 comprising 5 to 12 carbon atoms which are optionally substituted by one or

more substituents, selected from ~~a group consisting of~~ A, Hal, NO<sub>2</sub>, CN, OR<sup>15</sup>, NR<sup>15</sup>R<sup>16</sup>, COOR<sup>15</sup>, CONR<sup>15</sup>R<sup>16</sup>, NR<sup>15</sup>COR<sup>16</sup>, NR<sup>15</sup>CONR<sup>15</sup>R<sup>16</sup>, NR<sup>16</sup>SO<sub>2</sub>A, COR<sup>15</sup>, SO<sub>2</sub>R<sup>15</sup>R<sup>16</sup>, S(O)<sub>u</sub>A and OOCR<sup>15</sup>,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from ~~a group consisting of~~ A, Hal, NO<sub>2</sub>, CN, OR<sup>15</sup>, NR<sup>15</sup>R<sup>16</sup>, COOR<sup>15</sup>, CONR<sup>15</sup>R<sup>16</sup>, NR<sup>15</sup>COR<sup>16</sup>, NR<sup>15</sup>CONR<sup>15</sup>R<sup>16</sup>, NR<sup>16</sup>SO<sub>2</sub>A, COR<sup>15</sup>, SO<sub>2</sub>R<sup>15</sup>R<sup>16</sup>, S(O)<sub>u</sub>A and OOCR<sup>15</sup>,

R<sup>15</sup>, R<sup>16</sup> are independently selected from ~~a group consisting of~~ H, A, and (CH<sub>2</sub>)<sub>m</sub>Ar<sup>6</sup>,  
wherein

Ar<sup>6</sup> is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from ~~a group consisting of~~ methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH<sub>2</sub> and CF<sub>3</sub>,

k, n and m are independently of one another 0, 1, 2, 3, 4, or 5;

X represents a bond or is (CR<sup>11</sup>R<sup>12</sup>)<sub>h</sub>, or (CHR<sup>11</sup>)<sub>h</sub>-Q-(CHR<sup>12</sup>)<sub>i</sub>, ~~wherein~~

Q is selected from ~~a group consisting of~~ T, CH<sup>15</sup>H<sup>16</sup>, (CHAl<sub>2</sub>)<sub>j</sub>, (O-CHR<sup>18</sup>)<sub>j</sub>, (CHR<sup>18</sup>-O)<sub>j</sub>, CR<sup>18</sup>=CR<sup>19</sup>, (O-CHR<sup>18</sup>CHR<sup>19</sup>)<sub>j</sub>, CHR<sup>18</sup>CHR<sup>19</sup>-O)<sub>j</sub>, C=O, C=S, C=NR<sup>15</sup>, CH(OR<sup>15</sup>), C(OR<sup>15</sup>)(OR<sup>20</sup>), C(=O)O, OC(=O), OC(=O)O, C(=)N(R<sup>15</sup>), N(R<sup>15</sup>)C(=O), OC(=O)N(R<sup>15</sup>), N(R<sup>15</sup>)C(=O)O, CH=N-O, CH=N-NR<sup>15</sup>, OC(O)NR<sup>15</sup>, NR<sup>15</sup>C(O)O, S=O, SO<sub>2</sub>, SO<sub>2</sub>NR<sup>15</sup> and ~~and~~ NR<sup>15</sup>SO<sub>2</sub>,  
wherein

T is selected from O, S, N-R<sup>15</sup>,

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6, ~~and~~

j is 1, 2, 3, 4, 5 or 6,

Y is selected from O/S,  $\text{NR}^{21}$ ,  $\text{C(R}^{22}\text{)-NO}_2$ ,  $\text{C(R}^{22}\text{)-CN}$  and  $\text{C(CN)}_2$ , ~~wherein~~

O/S is ~~selected from O or~~ [[,]] S,

$\text{R}^{21}$  is independently selected from H, Hal, A,  $(\text{CH}_2)_m\text{Ar}^4$  and  $(\text{CH}_2)_m\text{Het}$ , ~~the meanings given for  $\text{R}^{13}$ ,  $\text{R}^{14}$ , and~~

$\text{R}^{22}$  is independently selected from H, A,  $(\text{CH}_2)_m\text{Ar}^3$  and  $(\text{CH}_2)_m\text{Het}$ , ~~the meanings given for  $\text{R}^{14}$ ,  $\text{R}^{12}$ ,~~

p, r are independently from one another 0, 1, 2, 3, 4 or 5,

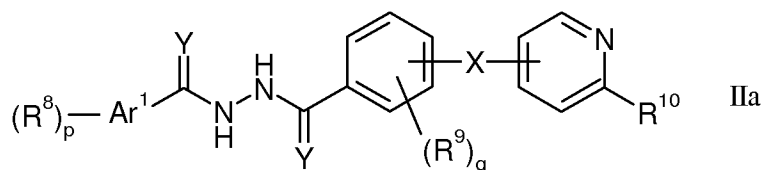
q is 0, 1, 2, 3 or 4,

u is 0, 1, 2 or 3, and

Hal is independently selected from ~~a group consisting of~~ F, Cl, Br and I,

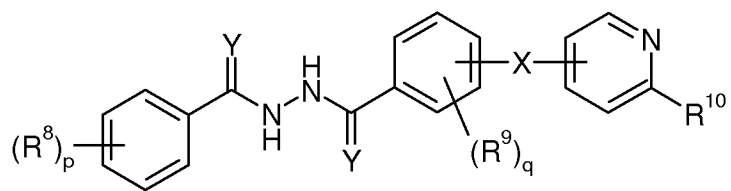
and the pharmaceutically acceptable derivatives, salts and solvates thereof.

4. (Currently Amended): A diacylhydrazine compound ~~Diacylhydrazine derivative~~ according to claim 3 ~~1~~, selected from the compounds of formula IIa, IIb, IIc, IId, IIe, IIg, IIh, Ili, IIj, IIk, IIL, IIm, IIn, IIo, IIp, IIq, IIr, IIu, IIv, IIw and IIx,



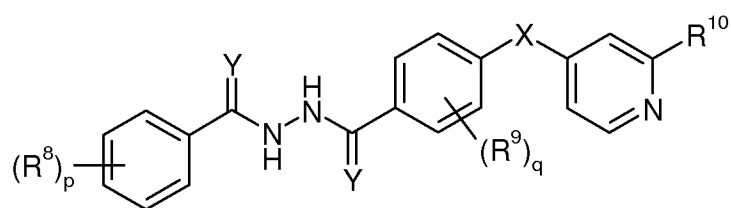


IIb

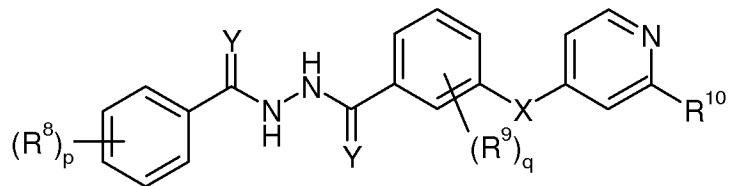


IIb

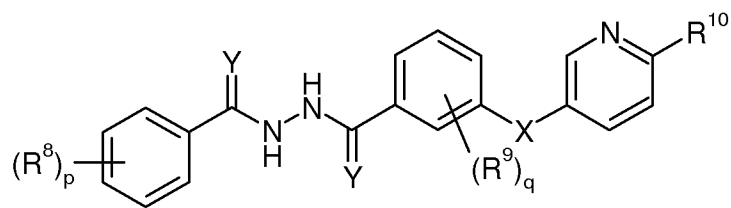
IIc



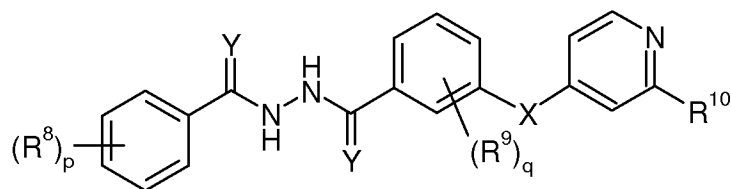
IIc



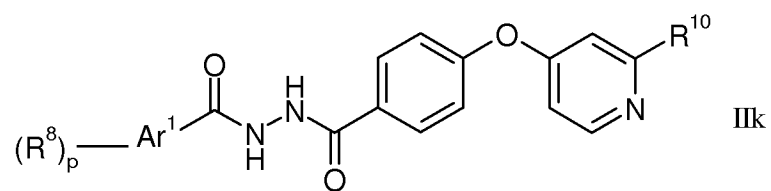
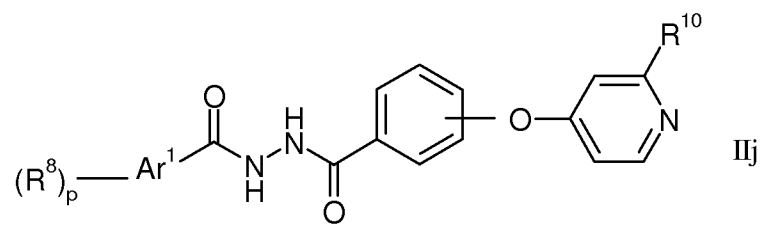
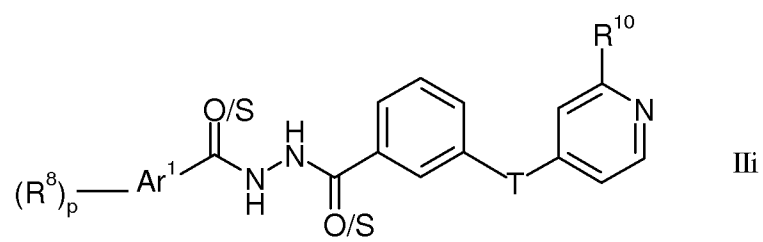
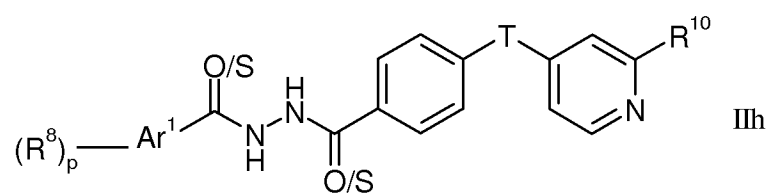
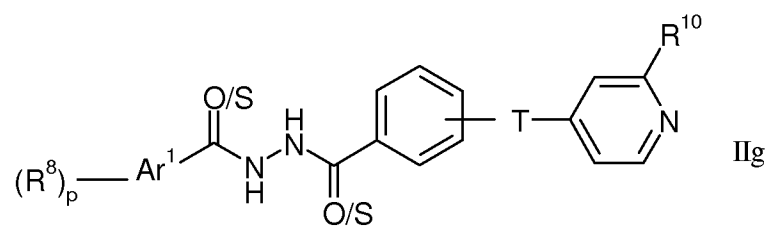
IIe

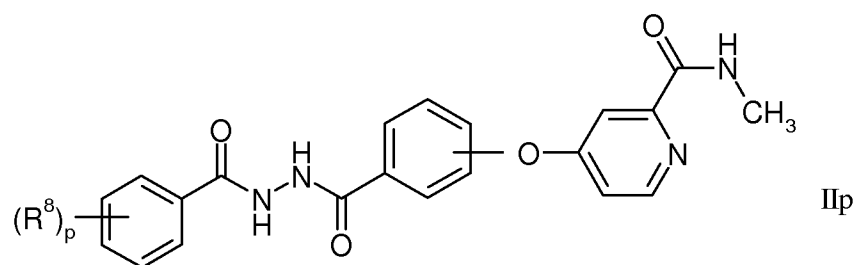
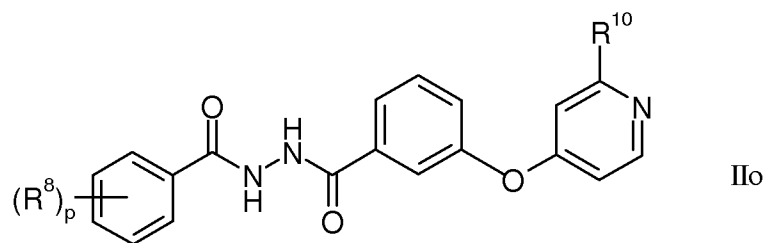
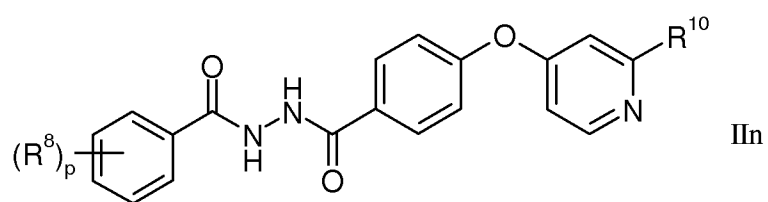
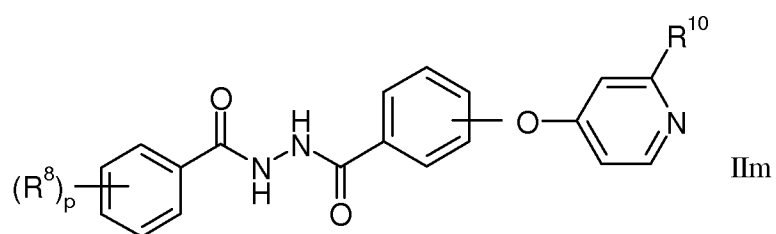
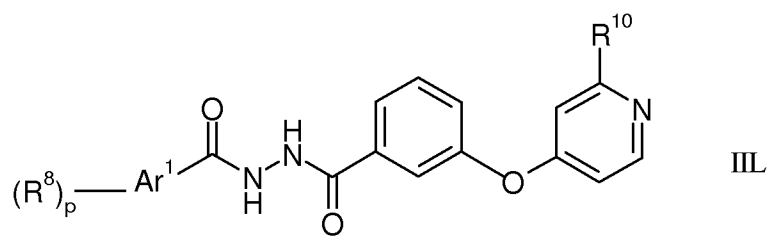


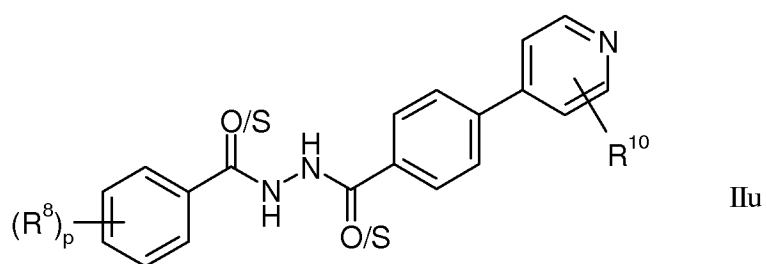
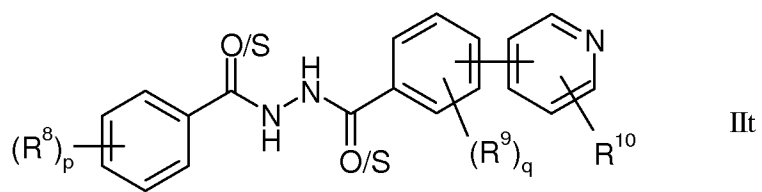
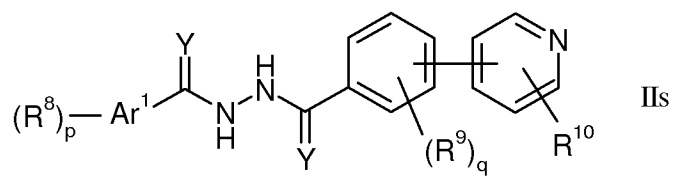
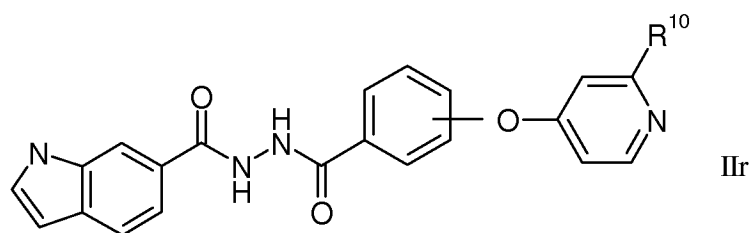
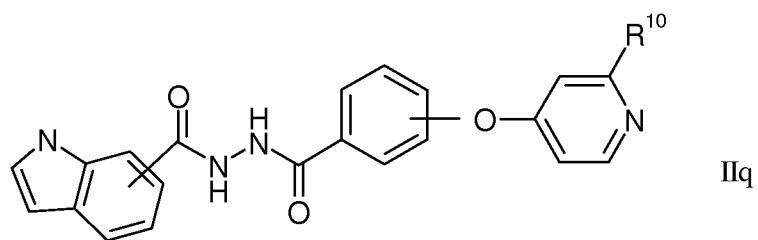
IIe

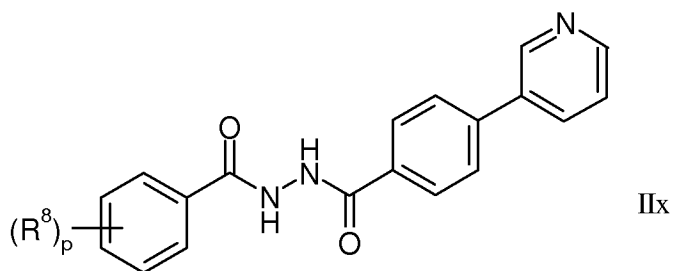
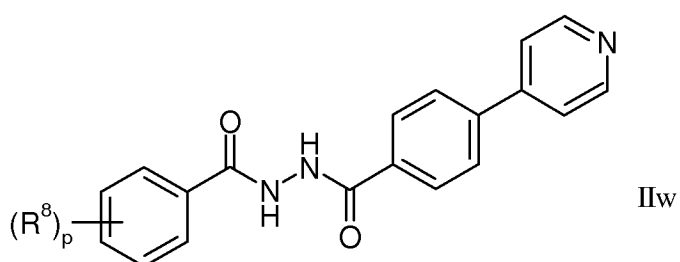
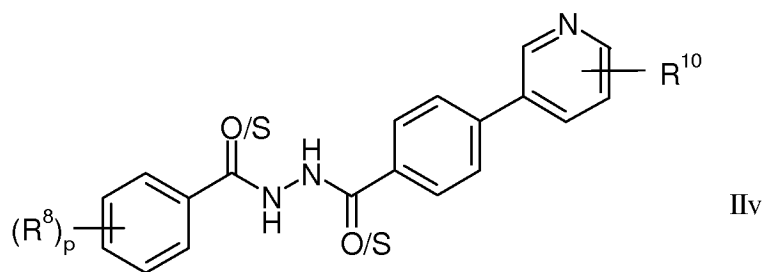


IIe









wherein  $R^6$ ,  $R^7$ ,  $R^8$ ,  $p$ ,  $Ar^1$ ,  $Y$ ,  $X$ ,  $R^9$  and  $q$  are as defined in claim 3,  $R^{10}$  is H or as defined in claim 3; and the pharmaceutically acceptable derivatives, salts and solvates thereof.

5. (Currently Amended): A diacylhydrazine compound ~~Diacylhydrazine selected from the compounds of formula II as defined in~~ according to claim 3, wherein

E, G, M, U and Q are each carbon atoms,

X is O or a bond,

Y is O,

Ar<sup>1</sup> is phenyl or indolyl,

Ar<sup>2</sup> is pyridinyl,

R<sup>8</sup> is H, methyl, ethyl, n-propyl, isopropyl, n-butyl, 2-butyl, tert.-butyl, methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, 2-butoxy, tert.-butoxy, Hal, CHal<sub>3</sub> or OCHal<sub>3</sub>,

R<sup>10</sup> is H or CONCH<sub>3</sub>,

p is 0, 1, 2 or 3,

q is 0, and

r is 1

~~and the pharmaceutically acceptable derivatives, salts and solvates thereof.~~

6. (Currently Amended): A diacylhydrazine compound ~~Diaacylhydrazine~~  
~~derivative~~ according to claim 5, wherein X is O and R<sup>10</sup> is CONCH<sub>3</sub> ~~and the pharmaceutically~~  
~~acceptable derivatives, salts and solvates thereof.~~

7. (Currently Amended): A diacylhydrazine compound ~~Diaacylhydrazine~~  
~~derivative~~ according to claim 5, wherein X is a bond and R<sup>10</sup> is H ~~and the pharmaceutically~~  
~~acceptable derivatives, salts and solvates thereof.~~

8. (Currently Amended): A diacylhydrazine compound ~~Diaacylhydrazine~~  
~~derivative selected from the compounds of formula II as defined in~~ according to claim 3,  
wherein E, G, M, U and Q are each carbon atoms, X is O, S or NR<sup>15</sup>, and Y is O ~~and the~~  
~~pharmaceutically acceptable derivatives, salts and solvates thereof.~~

9. (Currently Amended): A diacylhydrazine compound ~~Diaacylhydrazine derivative~~ according to claim 1, selected from the compounds (1) to (224) of table 1 and the compounds (225) to (384) of table 2, and the pharmaceutically acceptable derivatives, salts and solvates thereof.
10. (Currently Amended): A medicament comprising a diacylhydrazine compound ~~Diaacylhydrazine derivative~~ according to claim 1 ~~as a medicament~~.
11. (Currently Amended): A method of treating a patient suffering from a disease mediated by the raf kinase pathway, comprising administering to said patient an effective amount of a kinase inhibitor, wherein said kinase inhibitor is a compound ~~Diaacylhydrazine derivative~~ according to claim 1 ~~as a kinase inhibitor~~.
12. (Currently Amended): A method according to claim 11, wherein said kinase inhibitor is a raf-kinase inhibitor ~~Diaacylhydrazine derivative according to claim 11,~~ characterized in that the kinases are selected from raf kinases.
13. (Currently Amended): A pharmaceutical ~~Pharmaceutical~~ composition comprising ~~characterised in that it contains~~ one or more compounds according to claim 1 and one or more additional compounds.
14. (Currently Amended): A pharmaceutical ~~Pharmaceutical~~ composition according to claim 13, ~~characterised in that it contains~~ wherein said one or more additional compounds [[,]] ~~are~~ selected from ~~the group consisting of~~ physiologically acceptable excipients, auxiliaries, adjuvants, carriers and pharmaceutical active ingredients.
15. (Withdrawn; Currently Amended): A process ~~Process~~ for the manufacture of a pharmaceutical composition, comprising processing by mechanical means ~~characterised in that~~ one or more compounds according to claim 1 and one or more compounds [[,]] ~~selected from the group consisting of~~ carriers, excipients, auxiliaries and pharmaceutical active ingredients, other than the compounds according to claim 1, is processed by mechanical

~~means~~ into a pharmaceutical composition that is suitable as dosage form ~~dosageform~~ for application and/or administration to a patient.

16. (Cancelled):

17. (Cancelled):

18. (Cancelled):

19. (Currently Amended): A method for the treatment or prophylaxis of a disorder  
~~Use according to claim 17, characterised in that the disorders are~~ caused, mediated and/or  
propagated by raf-kinases, said method comprising administering to a patient in need thereof  
an effective amount of a compound according to claim 1.

20. (Currently Amended): A method ~~Use according to claim 19 47, characterised~~  
~~in that the disorders are~~ wherein said disorder is selected from ~~the group consisting of~~  
hyperproliferative and nonhyperproliferative disorders.

21. (Currently Amended): A method ~~Use according to claim 19 47, characterised~~  
~~in that the~~ wherein said disorder is cancer.

22. (Currently Amended): A method ~~Use according to claim 19 47, wherein said~~  
~~characterised in that the~~ disorder is noncancerous.

23. (Currently Amended): A method ~~Use according to claim 22, wherein said~~  
~~disorder is characterised in that the disorders are~~ selected from ~~the group consisting of~~  
psoriasis psoriasis, arthritis, inflammation, endometriosis, scarring, Helicobacter pylori  
infection, Influenza A, benign benign prostatic hyperplasia, immunological diseases,  
autoimmune diseases, and immunodeficiency diseases.



24. (Currently Amended): A method Use according to claim 19 47, wherein said disorder is characterised in that the disorders are selected from the group consisting of melanoma, brain cancer, lung cancer, squamous cell cancer, bladder cancer, gastric cancer, pancreatic cancer, hepatic cancer, renal cancer, colorectal cancer, breast cancer, head cancer, neck cancer, oesophageal cancer, gynaecological cancer, ovarian cancer ~~caner~~, ovary cancer, uterine cancer, prostate cancer, thyroid cancer, lymphoma, chronic leukemia, ~~leukaemia~~ and acute leukemia ~~leukaemia~~.

25. (Currently Amended): A method Use according to claim 19 47, wherein said disorder is characterised in that the disorders are selected from the group consisting of arthritis, restenosis, ~~[[;]]~~ fibrotic disorders, ~~[[;]]~~ mesangial cell proliferative disorders, diabetic nephropathy, malignant nephrosclerosis, thrombotic microangiopathy syndromes, organ transplant rejection, glomerulopathies, metabolic disorders, inflammation, solid tumors, rheumatic arthritis, diabetic retinopathy, and neurodegenerative diseases.

26. (Currently Amended): A method Use according to claim 19 47, wherein said disorder is characterised in that the disorders are selected from the group consisting of rheumatoid arthritis, inflammation, autoimmune disease, chronic obstructive pulmonary disease, asthma, inflammatory bowel disease, fibrosis, atherosclerosis, restenosis, vascular disease, cardiovascular disease, inflammation, renal disease, and angiogenesis disorders.

27. (Currently Amended): A method Use of a compound according to claim 19 4, wherein said compound is as a raf-kinase inhibitor.

28. (Currently Amended): A method Use according to claim 27, wherein ~~characterised in that~~ the raf-kinase is selected from the group consisting of A-Raf, B-Raf and c-Raf1.

29. (Cancelled):

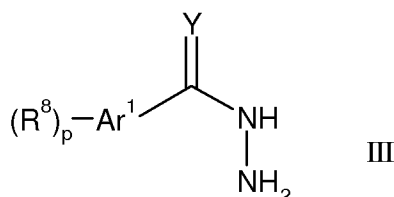
30. (Withdrawn; Currently Amended): A method ~~Method~~ according to claim 29, ~~characterised in that~~ 19, wherein the one or more compounds are administered as a pharmaceutical composition.

31. (Withdrawn; Currently Amended): A method according to claim 19, wherein ~~the disorder~~ Method for the treatment and/or prophylaxis of disorders according to claim 30, ~~characterised in that the disorders~~ is cancerous cell growth mediated by raf kinase.

32. (Cancelled):

33. (Withdrawn; Currently Amended): A method for preparing a compound according to claim 2, said process comprising: ~~Method for producing compounds of formula II, characterised in that~~

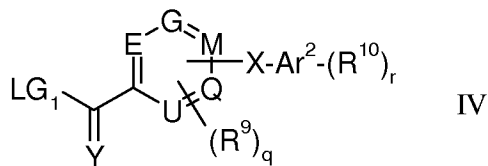
a) reacting a compound of formula III



~~wherein Y, R<sup>8</sup>, p and Ar<sup>1</sup> are as defined in claim 3,~~

~~is reacted~~

b) with a compound of IV,



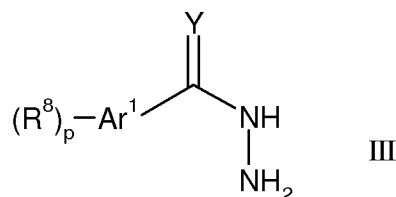
wherein

~~LG<sub>1</sub> is a leaving group, preferably a leaving group selected from OR<sup>25</sup>, wherein R<sup>25</sup> is selected from the group consisting of unsubstituted or substituted aromatic residues, unsubstituted or substituted heteroaromatic residues and (O)<sub>2</sub>S-R<sup>26</sup>, wherein R<sup>26</sup> is selected from unsubstituted or substituted aromatic residues and unsubstituted or substituted alkyl residues, and wherein E, G, M, Q, U, R<sup>9</sup>, q, X, Ar<sup>2</sup>, R<sup>10</sup> and r are as defined in claim 3,~~

and optionally

c) isolating and/or treating the compound of formula II obtained by said reaction with an acid, to obtain the salt thereof.

34. (Currently Amended): A compound according to Compound of formula III,



wherein Y, R<sup>8</sup>, p and Ar<sup>1</sup> are as defined in claim 3.

Ar<sup>1</sup> is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one, two, or three hetero atoms, independently selected from N, O and S,

R<sup>8</sup> is H, A, OA, cycloalkyl comprising 3 to 7 carbon atoms, Hal, CH<sub>2</sub>Hal, CH(Hal)<sub>2</sub>, C(Hal)<sub>3</sub>, NO<sub>2</sub>, (CH<sub>2</sub>)<sub>n</sub>CN, (CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>R<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>O(CH<sub>2</sub>)<sub>k</sub>NR<sup>11</sup>R<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>(CH<sub>2</sub>)<sub>k</sub>NR<sup>11</sup>R<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>O(CH<sub>2</sub>)<sub>k</sub>OR<sup>11</sup>, (CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>(CH<sub>2</sub>)<sub>k</sub>OR<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>COOR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>COR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>CONR<sup>11</sup>R<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>COR<sup>13</sup>,

(CH<sub>2</sub>)<sub>n</sub>NR<sup>8</sup>CONR<sup>11</sup>R<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>SO<sub>2</sub>A, (CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>,  
(CH<sub>2</sub>)<sub>n</sub>S(O)<sub>v</sub>R<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>OC(O)R<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>COR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>SR<sup>11</sup>, CH=N-OA,  
CH<sub>2</sub>CH=N-OA, (CH<sub>2</sub>)<sub>n</sub>NHOA, (CH<sub>2</sub>)<sub>n</sub>CH=N-R<sup>11</sup>, (CH<sub>2</sub>)<sub>n</sub>OC(O)NR<sup>11</sup>R<sup>12</sup>,  
(CH<sub>2</sub>)<sub>n</sub>NR<sup>11</sup>COOR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)CH<sub>2</sub>CH<sub>2</sub>OR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)CH<sub>2</sub>CH<sub>2</sub>OCF<sub>3</sub>,  
(CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)C(R<sup>13</sup>)HCOOR<sup>12</sup>, (CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)C(R<sup>13</sup>)HCOR<sup>11</sup>,  
(CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)CH<sub>2</sub>CH<sub>2</sub>N(R<sup>12</sup>)CH<sub>2</sub>COOR<sup>11</sup>, (CH<sub>2</sub>)<sub>n</sub>N(R<sup>11</sup>)CH<sub>2</sub>CH<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>,  
CH=CHCOOR<sup>13</sup>, CH=CHCH<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>, CH=CHCH<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>,  
CH=CHCH<sub>2</sub>OR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>N(COOR<sup>13</sup>)COOR<sup>14</sup>, (CH<sub>2</sub>)<sub>n</sub>N(CONH<sub>2</sub>)COOR<sup>13</sup>,  
(CH<sub>2</sub>)<sub>n</sub>N(CONH<sub>2</sub>)CONH<sub>2</sub>, (CH<sub>2</sub>)<sub>n</sub>N(CH<sub>2</sub>COOR<sup>13</sup>)COOR<sup>14</sup>,  
(CH<sub>2</sub>)<sub>n</sub>N(CH<sub>2</sub>CONH<sub>2</sub>)COOR<sup>13</sup>, (CH<sub>2</sub>)<sub>n</sub>N(CH<sub>2</sub>CONH<sub>2</sub>)CONH<sub>2</sub>,  
(CH<sub>2</sub>)<sub>n</sub>CHR<sup>13</sup>COR<sup>14</sup>, (CH<sub>2</sub>)<sub>n</sub>CHR<sup>13</sup>COOR<sup>14</sup>, (CH<sub>2</sub>)<sub>n</sub>CHR<sup>13</sup>CH<sub>2</sub>OR<sup>14</sup>,  
(CH<sub>2</sub>)<sub>n</sub>OCN and (CH<sub>2</sub>)<sub>n</sub>NCO,

R<sup>11</sup>, R<sup>12</sup> are each independently selected from H, A, (CH<sub>2</sub>)<sub>m</sub>Ar<sup>3</sup> and (CH<sub>2</sub>)<sub>m</sub>Het, or in  
NR<sup>11</sup>R<sup>12</sup>, R<sup>11</sup> and R<sup>12</sup> form, together with the N-atom they are bound to, a 5-,  
6- or 7- membered heterocyclyl which optionally contains 1 or 2 additional  
hetero atoms, selected from N, O and S,

R<sup>13</sup>, R<sup>14</sup> are each independently selected from H, Hal, A, (CH<sub>2</sub>)<sub>m</sub>Ar<sup>4</sup> and (CH<sub>2</sub>)<sub>m</sub>Het,

A is selected from alkyl, alkenyl, cycloalkyl, alkylencycloalkyl, alkoxy,  
alkoxyalkyl and saturated heterocyclyl,

Ar<sup>3</sup>, Ar<sup>4</sup> are each independently from one another aromatic hydrocarbon residues  
comprising 5 to 12 carbon atoms which are optionally substituted by one or  
more substituents, selected from A, Hal, NO<sub>2</sub>, CN, OR<sup>15</sup>, NR<sup>15</sup>R<sup>16</sup>, COOR<sup>15</sup>,  
CONR<sup>15</sup>R<sup>16</sup>, NR<sup>15</sup>COR<sup>16</sup>, NR<sup>15</sup>CONR<sup>15</sup>R<sup>16</sup>, NR<sup>16</sup>SO<sub>2</sub>A, COR<sup>15</sup>, SO<sub>2</sub>R<sup>15</sup>R<sup>16</sup>,  
S(O)<sub>v</sub>A and OOCR<sup>15</sup>,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally  
substituted by one or more substituents, selected from A, Hal, NO<sub>2</sub>, CN, OR<sup>15</sup>,

NR<sup>15</sup>R<sup>16</sup>, COOR<sup>15</sup>, CONR<sup>15</sup>R<sup>16</sup>, NR<sup>15</sup>COR<sup>16</sup>, NR<sup>15</sup>CONR<sup>15</sup>R<sup>16</sup>, NR<sup>16</sup>SO<sub>2</sub>A,  
COR<sup>15</sup>, SO<sub>2</sub>R<sup>15</sup>R<sup>16</sup>, S(O)<sub>u</sub>A and OOCR<sup>15</sup>,

R<sup>15</sup>, R<sup>16</sup> are independently selected from H, A, and (CH<sub>2</sub>)<sub>m</sub>Ar<sup>6</sup>,

Ar<sup>6</sup> is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by  
one or more substituents selected from methyl, ethyl, propyl, 2-propyl, tert.-  
butyl, Hal, CN, OH, NH<sub>2</sub> and CF<sub>3</sub>,

k, n and m are independently of one another 0, 1, 2, 3, 4, or 5;

Y is selected from O/S, NR<sup>21</sup>, C(R<sup>22</sup>)-NO<sub>2</sub>, C(R<sup>22</sup>)-CN and C(CN)<sub>2</sub>, wherein

O/S is O or S,

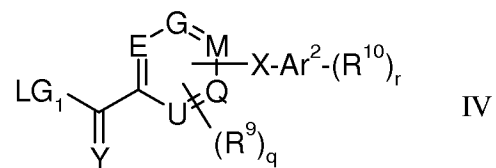
R<sup>21</sup> is independently selected from H, Hal, A, (CH<sub>2</sub>)<sub>m</sub>Ar<sup>4</sup> and (CH<sub>2</sub>)<sub>m</sub>Het,

R<sup>22</sup> is independently selected from H, A, (CH<sub>2</sub>)<sub>m</sub>Ar<sup>3</sup> and (CH<sub>2</sub>)<sub>m</sub>Het,

u is 0, 1, 2 or 3, and

Hal is independently selected from F, Cl, Br and I.

35. (Currently Amended): A compound according to Compound of formula IV,



wherein

$LG_1$  is a leaving group, preferably a leaving group selected from  $OR^{25}$ , wherein

$R^{25}$  is selected from the group consisting of unsubstituted or substituted aromatic residues, unsubstituted or substituted heteroaromatic residues and  $(O)_2S-R^{26}$ , wherein

$R^{26}$  is selected from unsubstituted or substituted aromatic residues and unsubstituted or substituted alkyl residues, and wherein E, G, M, Q, U,  $R^9$ , q, X,  $Ar^2$ ,  $R^{10}$  and r are as defined in claim 3.

$Ar^2$  is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one, two, or three hetero atoms, independently selected from N, O and S,

E, G, M, Q and U are each independently selected from carbon atoms and nitrogen atoms, with the proviso that one or more of E, G, M, Q and U are carbon atoms and that X is bonded to a carbon atom,

$R^9$  and  $R^{10}$  are each independently selected from H, A, OA, cycloalkyl comprising 3 to 7 carbon atoms, Hal,  $CH_2Hal$ ,  $CH(Hal)_2$ ,  $C(Hal)_3$ ,  $NO_2$ ,  $(CH_2)_nCN$ ,  $(CH_2)_nNR^{11}R^{12}$ ,  $(CH_2)_nO(CH_2)_kNR^{11}R^{12}$ ,  $(CH_2)_nNR^{11}(CH_2)_kNR^{11}R^{12}$ ,  $(CH_2)_nO(CH_2)_kOR^{11}$ ,  $(CH_2)_nNR^{11}(CH_2)_kOR^{12}$ ,  $(CH_2)_nCOOR^{13}$ ,  $(CH_2)_nCOR^{13}$ ,  $(CH_2)_nCONR^{11}R^{12}$ ,  $(CH_2)_nNR^{11}COR^{13}$ ,  $(CH_2)_nNR^8CONR^{11}R^{12}$ ,  $(CH_2)_nNR^{11}SO_2A$ ,  $(CH_2)_nSO_2NR^{11}R^{12}$ ,  $(CH_2)_nS(O)_uR^{13}$ ,  $(CH_2)_nOC(O)R^{13}$ ,  $(CH_2)_nCOR^{13}$ ,  $(CH_2)_nSR^{11}$ ,  $CH=N-OA$ ,  $CH_2CH=N-OA$ ,  $(CH_2)_nNHOA$ ,  $(CH_2)_nCH=N-R^{11}$ ,  $(CH_2)_nOC(O)NR^{11}R^{12}$ ,  $(CH_2)_nNR^{11}COOR^{13}$ ,  $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$ ,  $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$ ,  $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$ ,  $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{11}$ ,  $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{11}$ ,  $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$ ,  $CH=CHCOOR^{13}$ ,  $CH=CHCH_2NR^{11}R^{12}$ ,  $CH=CHCH_2NR^{11}R^{12}$ ,  $CH=CHCH_2OR^{13}$ ,  $(CH_2)_nN(COOR^{13})COOR^{14}$ ,  $(CH_2)_nN(CONH_2)COOR^{13}$ ,  $(CH_2)_nN(CONH_2)CONH_2$ ,  $(CH_2)_nN(CH_2COOR^{13})COOR^{14}$ ,

$(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{COOR}^{13}$ ,  $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{CONH}_2$ ,  
 $(\text{CH}_2)_n\text{CHR}^{13}\text{COR}^{14}$ ,  $(\text{CH}_2)_n\text{CHR}^{13}\text{COOR}^{14}$ ,  $(\text{CH}_2)_n\text{CHR}^{13}\text{CH}_2\text{OR}^{14}$ ,  
 $(\text{CH}_2)_n\text{OCN}$  and  $(\text{CH}_2)_n\text{NCO}$ .

$\text{R}^{11}$ ,  $\text{R}^{12}$  are each independently selected from H, A,  $(\text{CH}_2)_m\text{Ar}^3$  and  $(\text{CH}_2)_m\text{Het}$ , or in  
 $\text{NR}^{11}\text{R}^{12}$ ,  $\text{R}^{11}$  and  $\text{R}^{12}$  form, together with the N-atom they are bound to, a 5-,  
6- or 7- membered heterocyclyl which optionally contains 1 or 2 additional  
hetero atoms, selected from N, O and S,

$\text{R}^{13}$ ,  $\text{R}^{14}$  are each independently selected from H, Hal, A,  $(\text{CH}_2)_m\text{Ar}^4$  and  $(\text{CH}_2)_m\text{Het}$ ,

A is selected from alkyl, alkenyl, cycloalkyl, alkylencycloalkyl, alkoxy,  
alkoxyalkyl and saturated heterocyclyl,

$\text{Ar}^3$ ,  $\text{Ar}^4$  are each independently from one another aromatic hydrocarbon residues  
comprising 5 to 12 carbon atoms which are optionally substituted by one or  
more substituents, selected from A, Hal,  $\text{NO}_2$ , CN,  $\text{OR}^{15}$ ,  $\text{NR}^{15}\text{R}^{16}$ ,  $\text{COOR}^{15}$ ,  
 $\text{CONR}^{15}\text{R}^{16}$ ,  $\text{NR}^{15}\text{COR}^{16}$ ,  $\text{NR}^{15}\text{CONR}^{15}\text{R}^{16}$ ,  $\text{NR}^{16}\text{SO}_2\text{A}$ ,  $\text{COR}^{15}$ ,  $\text{SO}_2\text{R}^{15}\text{R}^{16}$ ,  
 $\text{S}(\text{O})_u\text{A}$  and  $\text{OOCR}^{15}$ ,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally  
substituted by one or more substituents, selected from A, Hal,  $\text{NO}_2$ , CN,  $\text{OR}^{15}$ ,  
 $\text{NR}^{15}\text{R}^{16}$ ,  $\text{COOR}^{15}$ ,  $\text{CONR}^{15}\text{R}^{16}$ ,  $\text{NR}^{15}\text{COR}^{16}$ ,  $\text{NR}^{15}\text{CONR}^{15}\text{R}^{16}$ ,  $\text{NR}^{16}\text{SO}_2\text{A}$ ,  
 $\text{COR}^{15}$ ,  $\text{SO}_2\text{R}^{15}\text{R}^{16}$ ,  $\text{S}(\text{O})_u\text{A}$  and  $\text{OOCR}^{15}$ ,

$\text{R}^{15}$ ,  $\text{R}^{16}$  are independently selected from H, A, and  $(\text{CH}_2)_m\text{Ar}^6$ ,

$\text{Ar}^6$  is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by  
one or more substituents selected from methyl, ethyl, propyl, 2-propyl, tert.-  
butyl, Hal, CN, OH,  $\text{NH}_2$  and  $\text{CF}_3$ ,

k, n and m are independently of one another 0, 1, 2, 3, 4, or 5;

X represents a bond or is  $(CR^{11}R^{12})_h$ , or  $(CHR^{11})_h-Q-(CHR^{12})_i$ ,

Q is selected from T,  $CH^{15}H^{16}$ ,  $(CHal_2)_j$ ,  $(O-CHR^{18})_j$ ,  $(CHR^{18}-O)_j$ ,  $CR^{18}=CR^{19}$ ,  $(O-CHR^{18}CHR^{19})_j$ ,  $CHR^{18}CHR^{19}-O)_j$ ,  $C=O$ ,  $C=S$ ,  $C=NR^{15}$ ,  $CH(OR^{15})$ ,  $C(OR^{15})(OR^{20})$ ,  $C(=O)O$ ,  $OC(=O)$ ,  $OC(=O)O$ ,  $C(=)N(R^{15})$ ,  $N(R^{15})C(=O)$ ,  $OC(=O)N(R^{15})$ ,  $N(R^{15})C(=O)O$ ,  $CH=N-O$ ,  $CH=N-NR^{15}$ ,  $OC(O)NR^{15}$ ,  $NR^{15}C(O)O$ ,  $S=O$ ,  $SO_2$ ,  $SO_2NR^{15}$  and  $NR^{15}SO_2$ ,

T is selected from O, S,  $N-R^{15}$ ,

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6,

j is 1, 2, 3, 4, 5 or 6,

Y is selected from O/S,  $NR^{21}$ ,  $C(R^{22})-NO_2$ ,  $C(R^{22})-CN$  and  $C(CN)_2$ ,

O/S is O or S,

$R^{21}$  is independently selected from H, Hal, A,  $(CH_2)_mAr^4$  and  $(CH_2)_mHet$ ,

$R^{22}$  is independently selected from H, A,  $(CH_2)_mAr^3$  and  $(CH_2)_mHet$ ,

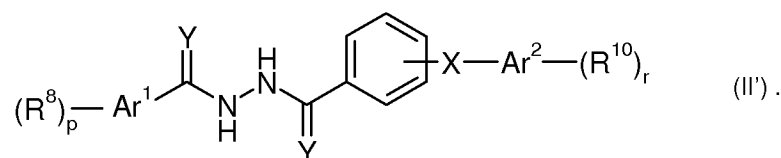
q is 0, 1, 2, 3 or 4,

u is 0, 1, 2 or 3, and

Hal is independently selected from F, Cl, Br and I.



36. (New): A compound according to claim 3, wherein said compound is of the Formula II':



37. (New): A compound according to claim 3, wherein

$Ar^1$  is phenyl, pyridinyl, pyrimidyl, chinolinyl, isochinolinyl, thiophenyl, thiadiazolyl, indolyl, benzothiadiazolyl, benzotriazolyl, benzodioxolyl, oxazolyl, isoxazolyl, pyrazolyl or imidazolyl,

$Ar^2$  is phenyl, pyridinyl, pyrazolyl, pyrimidyl, chinolinyl, isochinolinyl, thiophenyl, thiadiazolyl, benzothiadiazolyl, oxazolyl, isoxazolyl, pyrazolyl and imidazolyl, and

$Ar^3$  to  $Ar^6$  are each, independently from one another, phenyl, naphthyl or biphenyl, which in each case is unsubstituted or substituted by one or more substituents, selected from A, Hal,  $NO_2$ , CN,  $OR^{15}$ ,  $NR^{15}R^{16}$ ,  $COOR^{15}$ ,  $CONR^{15}R^{16}$ ,  $NR^{15}COR^{16}$ ,  $NR^{15}CONR^{15}R^{16}$ ,  $NR^{16}SO_2A$ ,  $COR^{15}$ ,  $SO_2R^{15}R^{16}$ ,  $S(O)_uA$  and  $OOCR^{15}$ .

38. (New): A compound according to claim 3, wherein Het is 1-piperidyl, 1-piperazyl, 1-(4-methyl)-piperazyl, 4-methylpiperazin-1-yl amine, 4-morpholinyl, 1-pyrrolidinyl, 2-pyrrolidinyl, 3-pyrrolidinyl, 1-pyrazolidinyl 1-(2-methyl)-pyrazolidinyl, 1-imidazolidinyl or 1-(3-methyl)-imidazolidinyl, thiophen-2-yl, thiophen-3-yl, 2-pyridyl, 3-pyridyl, 4-pyridyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, chinolinyl, isochinolinyl, 2-pyridazyl, 4-pyridazyl, 2-pyrimidyl, 4-pyrimidyl, 5-pyrimidyl, 2-pyrazinyl, or 3-pyrazinyl, which in each case is unsubstituted or substituted by A, CN and Hal.

39. (New): A compound according to claim 3, wherein

E, G, M, Q, U are carbon atoms,

$R^9$  is H,

$Ar^2$  is phenyl, pyridinyl or pyrrolyl,

$R^{10}$  is H or  $\text{CONCH}_3$ ,

$r$  is 1, and

$X$  is O or a bond.

40. (New): A compound according to claim 3, wherein

$\text{Ar}^1$  is phenyl,

$R^8$  is H, methyl, ethyl, n-propyl, isopropyl, n-butyl, 2-butyl, tert.-butyl, methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, 2-butoxy, tert.-butoxy, Hal,  $\text{CHal}_3$  or  $\text{OCHal}_3$ ,

$p$  is 1 or 2,

E, G, M, Q, U are carbon atoms,

$R^9$  is H,

$\text{Ar}^2$  is phenyl, pyridinyl or pyrrolyl,

$R^{10}$  is H or  $\text{CONCH}_3$ ,

$r$  is 1, and

$X$  is O or a bond.

41. (New): A compound according to claim 3, wherein

$\text{Ar}^1$  is phenyl,

$R^8$  is H, methyl, ethyl, n-propyl, isopropyl, n-butyl, 2-butyl, tert.-butyl, methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, 2-butoxy, tert.-butoxy, Hal,  $\text{CHal}_3$  or  $\text{OCHal}_3$ ,

$p$  is 1 or 2,

E, G, M, Q, U are carbon atoms,

$R^9$  is H,

$\text{Ar}^2$  is phenyl, pyridinyl or pyrrolyl,

$R^{10}$  is H or  $\text{CONCH}_3$ ,

$r$  is 1, and

$X$  is O.

42. (New): A compound according to claim 3, wherein

$\text{Ar}^1$  is phenyl,

$R^8$  is H, methyl, ethyl, n-propyl, isopropyl, n-butyl, 2-butyl, tert.-butyl, methoxy,

ethoxy, n-propoxy, isopropoxy, n-butoxy, 2-butoxy, tert.-butoxy, Hal, CHal<sub>3</sub> or OCHal<sub>3</sub>,

p is 1 or 2,

E, G, M, Q, U are carbon atoms,

R<sup>9</sup> is H,

Ar<sup>2</sup> is phenyl or pyridinyl,

R<sup>10</sup> is H or CONCH<sub>3</sub>, where when Ar<sup>2</sup> is pyridinyl, R<sup>10</sup> is bonded in a vicinal position to the nitrogen atom of the pyridinyl residue,

r is 1, and

X is O.

43. (New): A compound according to claim 39, wherein Y is O.

44. (New): A compound according to claim 40, wherein Y is O.

45. (New): A compound according to claim 41, wherein Y is O.

46. (New): A compound according to claim 42, wherein Y is O.

47. (New): A compound according to claim 3, wherein (R<sup>8</sup>)<sub>p</sub>-Ar<sup>1</sup> is 3-acetyl-phenyl, 4-acetyl-phenyl, 2-bromo-phenyl, 3-bromo-phenyl, 4-bromo-phenyl, 4-bromo-2-chloro-phenyl, 4-bromo-3-methyl-phenyl, 4-bromo-3-trifluoromethyl-phenyl, 2-chloro-phenyl, 2-chloro-4-trifluoromethyl-phenyl, 2-chloro-5-trifluoromethyl-phenyl, 3-chloro-phenyl, 3-chloro-4-methyl-phenyl, 3-chloro-4-methoxy-phenyl, 3-chloro-4-methoxy-phenyl, 4-chloro-phenyl, 4-chloro-2-trifluoromethyl-phenyl, 4-chloro-3-trifluoromethyl-phenyl, 4-chloro-2-methyl-phenyl, 5-chloro-2-methyl-phenyl, 5-chloro-2-methoxy-phenyl, 2,3-dichloro-phenyl, 2,4-dichloro-phenyl, 2,5-dichloro-phenyl, 3,4-dichloro-phenyl, 3,5-dichloro-phenyl, 2,4,5-trichloro-phenyl, 4-fluoro-phenyl, 4-fluoro-3-trifluoromethyl-phenyl, 4-ethoxy-phenyl, 2-methoxy-phenyl, 2-methoxy-5-trifluoromethyl-phenyl, 4-methoxy-phenyl, 2,5-dimethoxy-phenyl, 2-trifluoromethyl-phenyl, 3-trifluoromethyl-phenyl, 3-trifluoromethoxy-phenyl, 4-trifluoromethyl-phenyl, 4-trifluoromethoxy-phenyl, 3,5-bis-trifluoromethyl-phenyl, 3-methoxy-phenyl, 3-methylsulfanyl-phenyl, 4-methylsulfanyl-phenyl, o-tolyl (2-methyl-phenyl), m-tolyl (3-methyl-phenyl), p-tolyl (4-methyl-phenyl), 2,3-dimethyl-phenyl, 2,3-di-

methyl-phenyl, 2,5-dimethyl-phenyl, 3,4-dimethyl-phenyl, 3,5-dimethyl-phenyl, 2-ethyl-phenyl, 3-ethyl-phenyl, 4-ethyl-phenyl, 4-isopropyl-phenyl, 4-n-butyl-phenyl, 4-tert-butyl-phenyl, 4-n-butoxy-phenyl, or 4-tert.-butoxy-phenyl.